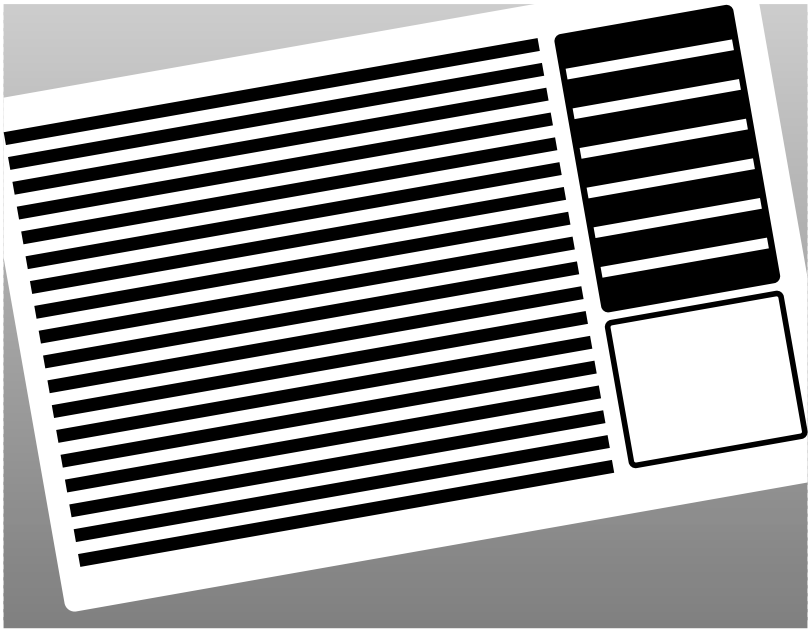
SAMSUNG

OWNER'S INSTRUCTIONS

AW0690A
AW0890A
AW1090A
AW1290A

WINDOW-TYPE ROOM AIR CONDITIONER

(Cool)



ⒺⒻDB68-01929A(2)

Safety Precautions

The following safety precautions must be taken when using your air conditioner.

1 *The unit must be plugged into an independent circuit.*
The air conditioner must be installed in accordance with national wiring regulations and safety regulations wherever applicable.

2 *Some installation locations may require installation of a short circuit breaker or grounding.*

3 *If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.*

4 *MAKE sure that the unit is correctly ventilated at all times :*
do NOT place clothing or other materials over it.

5 *NEVER spill any kind of liquid into the unit. Should this happen, unplug the unit and contact an authorized service center.*

6 *Do NOT insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.*

7 *Do NOT place any obstacles in front of the unit.*

8 *Users of this product are cautioned not to attempt repairs.*
Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.

9 *Do not use an extension cord with this product.*

10 *The appliance is not intended for use by young children without supervision ;*
young children should be supervised to ensure that they do not play with the appliance.

11 *Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.*

12 *If the remote control will not be used for a long time, remove the batteries.*

CAUTION

The manufacturer does not assume responsibility for accidents or injury caused by an incorrectly installed air conditioner. If you are unsure about installation, contact an installation specialist.

Contents

◆ PREPARING YOUR AIR CONDITIONER
- Safety Precautions 2
- Description of Each Component 4
- Remote Control - Buttons 5
- Getting Started 6
- Inserting the Remote Control Batteries 7

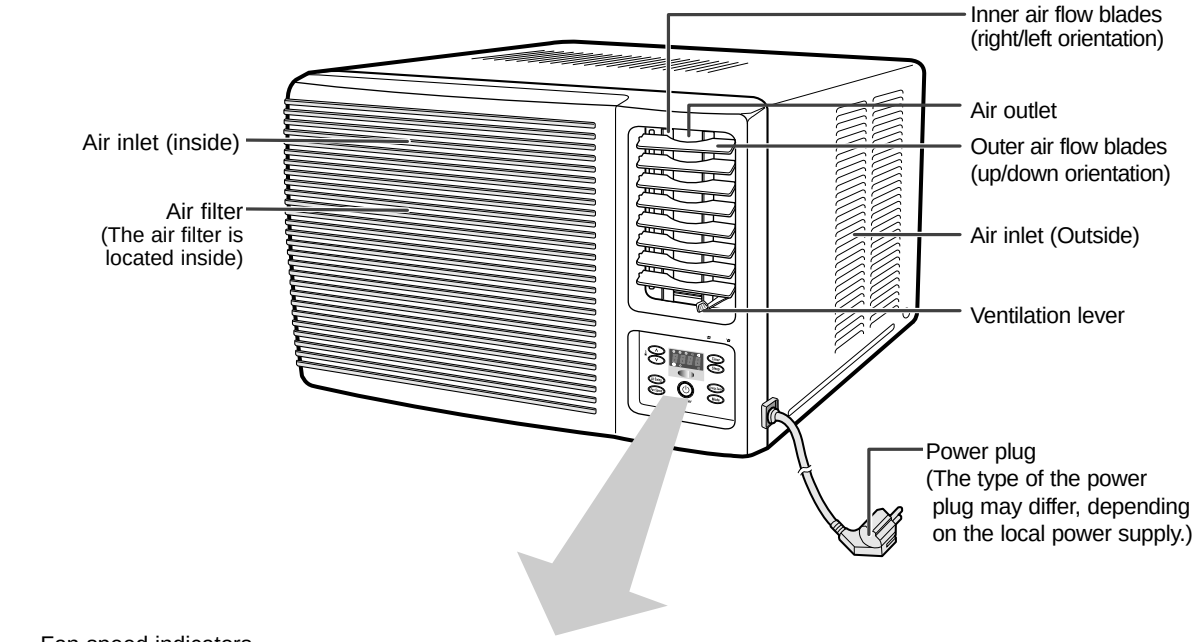
◆ OPERATING YOUR AIR CONDITIONER
- Cooling Your Room 8
- Ventilating Your Room 9
- Adjusting the Air Flow Direction Horizontally 10
- Adjusting the Air Flow Direction Vertically 10

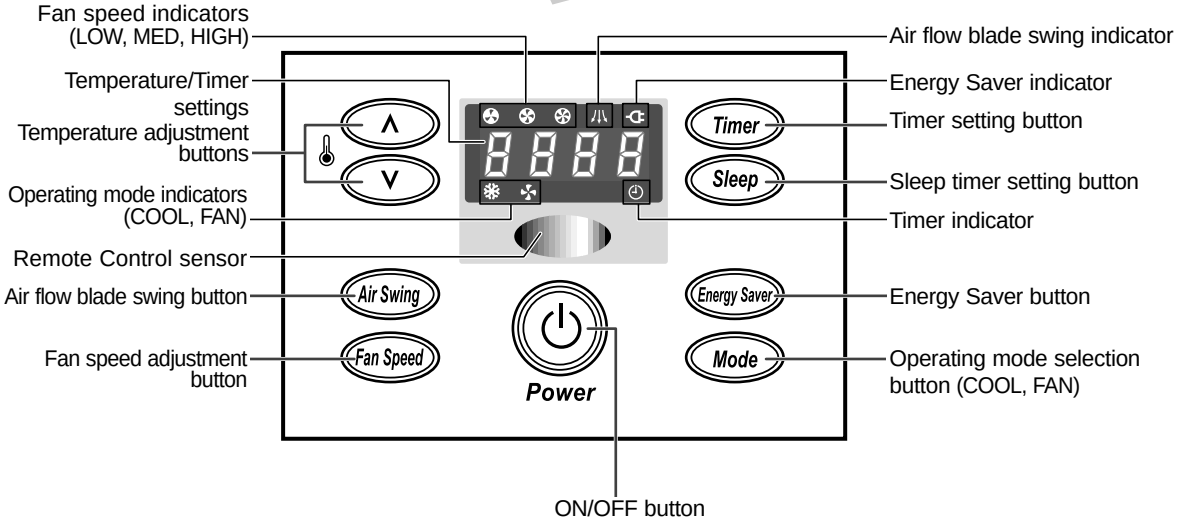
◆ PROGRAMMING YOUR AIR CONDITIONER
- Setting the On Timer 11
- Setting the Off Timer 12
- Setting the Sleep Timer 13
- Selecting Energy Saving mode 14

◆ RECOMMENDATIONS FOR USE
- Temperature and Humidity Ranges 15
- Cleaning Your Air Conditioner 16
- Solving Common Problems 17
- Technical Specifications 17

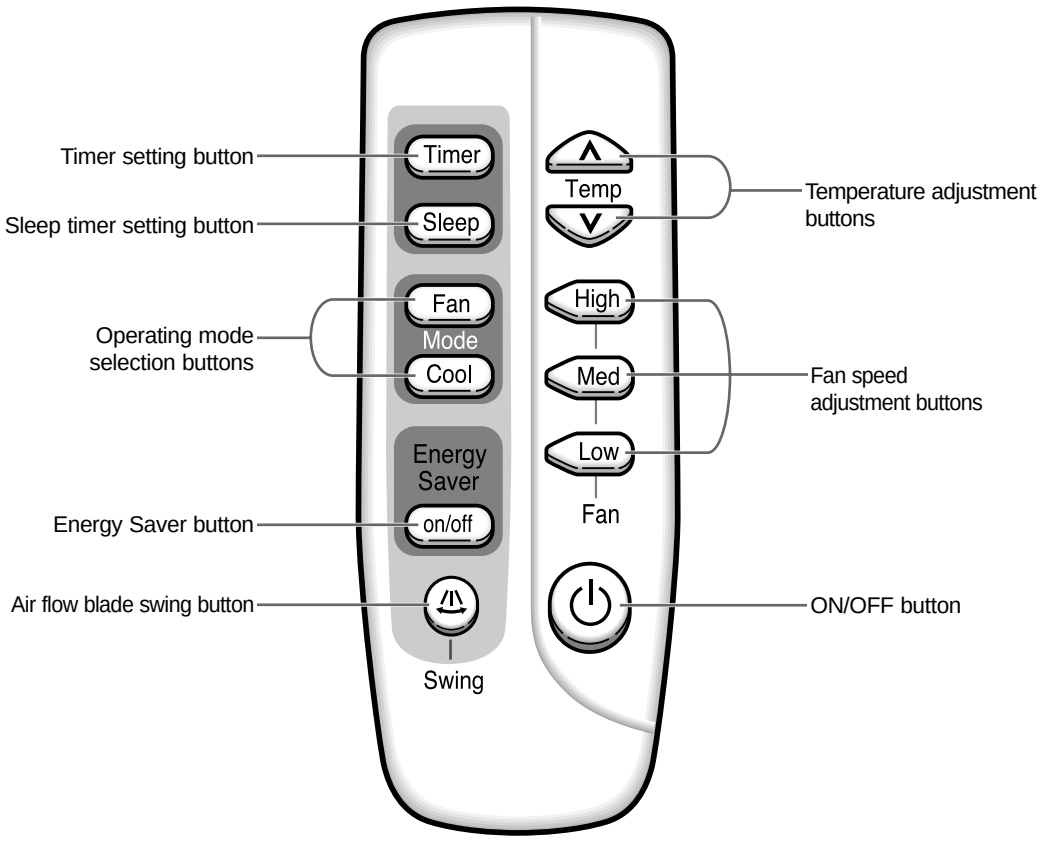
Description of Each Component

❄ The design and shape are subject to change, depending on the model.


Inner air flow blades (right/left orientation)
Air outlet
Outer air flow blades (up/down orientation)
Air inlet (inside)
Air filter (The air filter is located inside)
Air inlet (Outside)
Ventilation lever
Power plug (The type of the power plug may differ, depending on the local power supply.)



Remote Control - Buttons



Getting Started

You have just purchased a Samsung window-type room air conditioner which should be installed following your installation manual.

Your Owner's Instructions contain much valuable information on using your air conditioner. Please take the time to read them as they will help you take full advantage of the unit's features.

The booklet is organized as follows.

- ***The following figures are shown on pages 4 and 5:***
  - ***Description of Each Component***
  - ***Remote control (buttons)***

  They will help you find the buttons and understand the symbols displayed.

- ***In the main part of the document, you will find a series of step-by-step procedures for each function available.***

The illustrations in the step-by-step procedures use four different symbols:

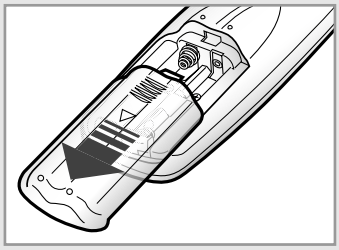
PRESS	**PUSH**	**IMPORTANT**	**NOTE**

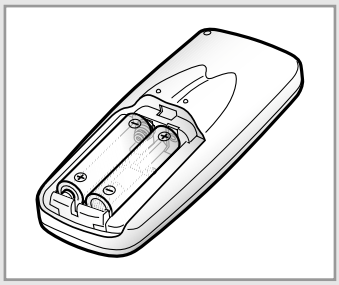
Inserting the Remote Control Batteries

You must insert or replace the remote control batteries when :

- ***You purchase the air conditioner***
- ***The remote control does not work correctly***

➢
- Use two AAA, LR03 1.5V batteries.
- Do not use old batteries or different kinds of batteries together.
- Batteries may be completely discharged after 12 months, even if they have not actually been used.



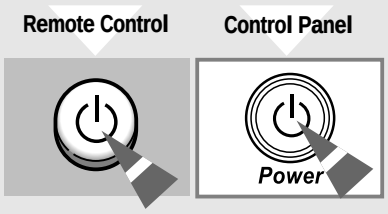


1 Push the battery cover on the rear of the remote control with your thumb in the direction of the arrow and remove it.

2 Insert the two batteries, taking care to respect the polarities :
- + on the battery with + on the remote control.
- - on the battery with - on the remote control.

3 Close the cover by sliding it back until it clicks into place.

Cooling Your Room

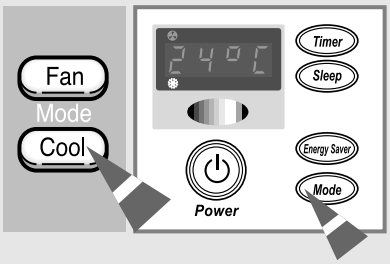


You must select the Cool mode if you wish to lower the temperature in your room. You can also set the fan speed.

1 Press the ⏻ (On/Off) button.

Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.
◆ The unit beeps twice.

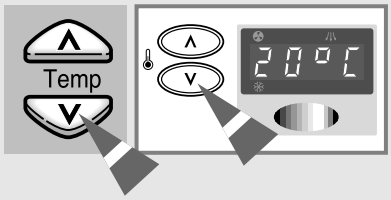
☛ The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:
◆ Plugged in
◆ Stopped
It will start up normally after three minutes.



2 If the COOL indicator is not lit on the unit:
◆ Press the COOL button on the remote control
or
◆ Press the Mode button on the unit one or more times until the COOL indicator lights up

Result: ◆ The unit beeps each time you press the COOL/Mode button.
◆ The air conditioner starts up in the Cool mode.

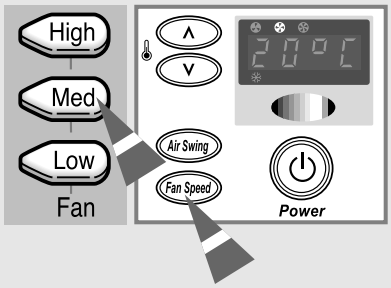
➢ You can change modes at any time.



3 To adjust the temperature, press the Temperature buttons on the remote control or unit one or more times until the desired temperature is displayed.

The temperature can be set between 18°C(64°F) and 30°C(86°F).

Result: ◆ Each time you press the temperature buttons:
– The temperature is adjusted by 1°C(1°F) and displayed on the control panel
– The unit beeps
◆ The air conditioner starts cooling if the room temperature is higher than the selected temperature.



4 To set the fan speed:
◆ Press the HIGH, MED or LOW button on the remote control as desired.
or
◆ Press the Fan Speed button on the unit one or more times until the desired Fan speed indicator lights up.

5 To control the direction of the air flow, refer to page 10.

Ventilating Your Room

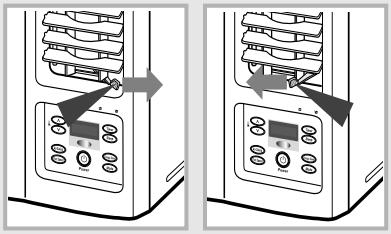
If the air in your room is stale, you can air the room using the Fan feature.

1 If you wish to discharge stale air, push the ventilation lever on the front of the unit to the right and open position ( ).

Result: ◆ The air inside the room circulates and stale air is discharged outside.

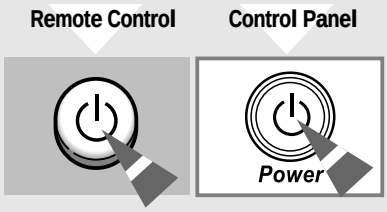
Otherwise, push the ventilation lever to the left and closed position ( ).

Result: ◆ The air simply circulates inside the room.



2 If necessary, press the (On/Off) button.

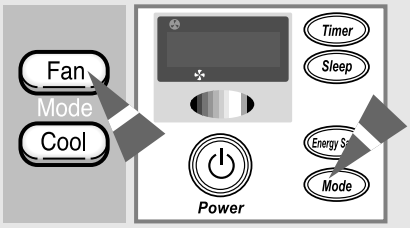
Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.
◆ The unit beeps twice.



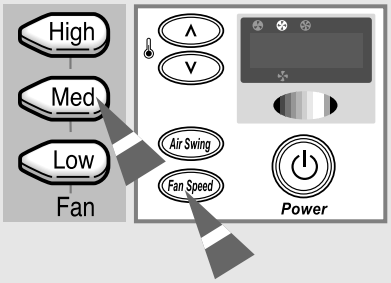
3 If the FAN indicator is not lit on the unit:
◆ Press the FAN button on the remote control
or
◆ Press the Mode button on the unit one or more times until the FAN indicator lights up

Result: ◆ The unit beeps each time you press the FAN/Mode button.
◆ The air conditioner starts up in Fan mode.

➢ ◆ You can change modes at any time.
◆ When the air conditioner is in the Fan mode, the temperature cannot be set or displayed.
◆ You cannot use Fan mode in the energy saving mode

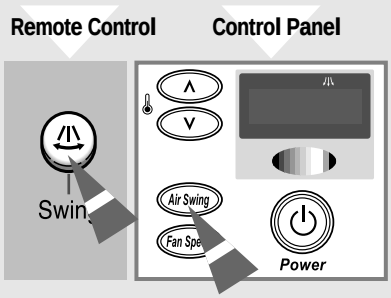


4 To set the fan speed:
◆ Press the HIGH, MED or LOW button on the remote control as desired.
or
◆ Press the Fan Speed button on the unit one or more times until the desired Fan speed indicator lights up.



5 To control the direction of the air flow, refer to page 10.

Adjusting the Air Flow Direction Horizontally



Depending on the position of the unit in your room, you can adjust the orientation of the inner air flow blades on the right-hand side of the unit, thus increasing the efficiency of the air conditioner.

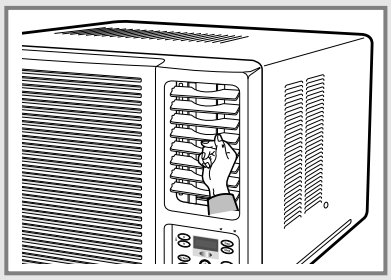
1 Press the Swing button on the remote control or unit.
Result: The inner blades swing automatically left and right.

➢ In the Energy Saving mode, the blades may stop when the compressor is off. For details on the Energy Saving mode, refer to page 14.

2 To stop the blades moving left and right, press the Swing button again.

➢ To stop the blades in a specific position and orient the air flow in the corresponding direction, simply press the Swing button when the blades are in the desired position.

Adjusting the Air Flow Direction Vertically



The outer air flow blades can be adjusted to control the vertical air flow direction.

RECOMMENDATION

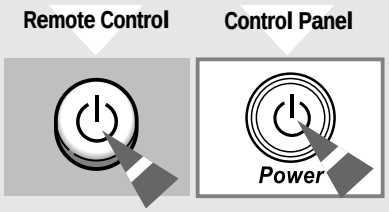
When...	Adjust the blades to face...
Cooling	Upwards.

Adjust the air flow blades to the desired position, by pushing them upwards or downwards.

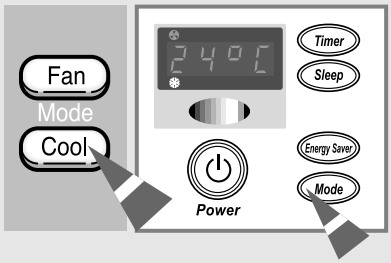
➢ If you orient the air flow blades downwards and the unit operates in the Cool mode for long periods of time, dew may:
- Form on the surface of the blades
- Drip from the blades

Setting the On Timer

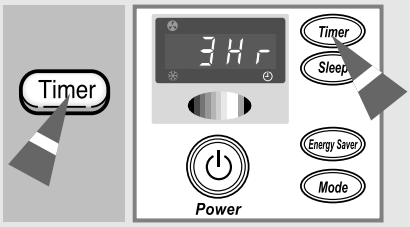
The On Timer enables you to switch on the air conditioner automatically after a given time. You can select the On timer only when the air conditioner is off.



1 Check that the air conditioner has been switched off; if necessary, press the ⏻ (On/Off) button.



2 Set the required mode by pressing the appropriate button:
- Cool or Fan on the remote control
- Mode button on the unit (press it one or more times until the appropriate operating mode indicator lights up)

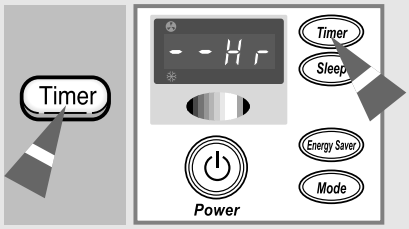


3 Set the operating time by pressing the Timer button on the remote control or unit one or more times until the desired time is displayed. The operating time can be set between 1 and 24 hours.

Result:
- Each time you press the Timer button:
  - The time is adjusted by 1 hour and displayed on the control panel
  - The unit beeps
- The operating time is displayed and decreases automatically to indicate the remaining time.
- The air conditioner switches on automatically when the operating time reaches zero.

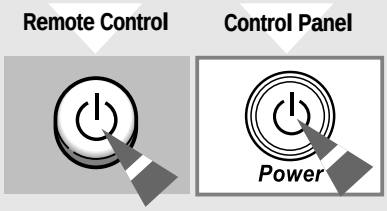
➢ You can change the setting mode, fan speed, and air flow direction after setting the On timer.

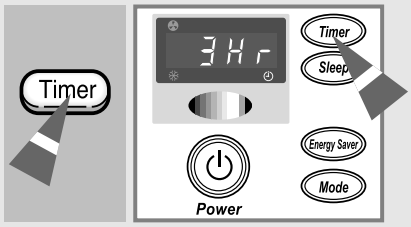
To Cancel the On Timer



To cancel the timer, press:
- Timer on the remote control or unit one or more times until " - - Hr " is displayed.
  or
- ⏻ on the remote control or unit (The air conditioner operates in the mode selected when the unit was last used.)

Setting the Off Timer





The Off Timer enables you to switch off the air conditioner automatically after a given time. You can select the Off timer only when the air conditioner is on.

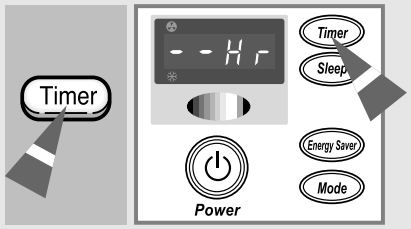
1 Check that the air conditioner has been switched on; if necessary, press the ⏻ (On/Off) button.

2 Set the operating time by pressing the Timer button on the remote control or unit one or more times until the desired time is displayed. The operating time can be set between 1 and 24 hours.

Result:
- ◆ Each time you press the Timer button:
  - – The time is adjusted by 1 hour and displayed on the control panel
  - – The unit beeps
- ◆ The operating time is displayed and decreases automatically to indicate the remaining time.
- ◆ The air conditioner switches off automatically when the operating time reaches zero.

➢ You can change the setting mode, fan speed, and air flow direction after setting the Off timer.

To Cancel the Off Timer

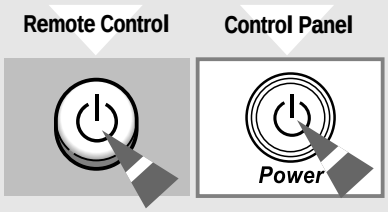


To cancel the timer, press:
- ◆ Timer on the remote control or unit one or more times until " --Hr " is displayed.
  or
- ◆ ⏻ on the remote control or unit (The air conditioner operates in the mode selected when the unit was last used.)

Setting the Sleep Timer

The Sleep Timer can be used when you are cooling your room to switch the air conditioner off automatically after 8 hours.

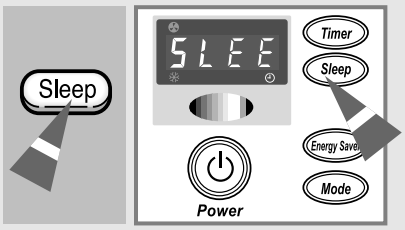
➢ If you wish to switch the unit off at a specific time, refer to page 12.



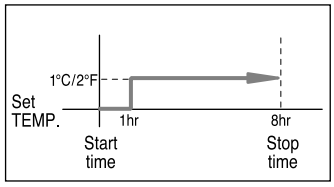
1 Make sure that you have selected either COOL mode.

2 Press the Sleep button on the remote control
or
Press the Sleep button on the unit.

Result:
- Each time you press a button, the unit beeps.
- The “SLEEP” passes through the control panel for about 15 seconds and the " " will be displayed.
- The remaining time is displayed and decreased by 1 hour automatically to indicate the remaining time.
- The air conditioner will be controlled as illustration below.



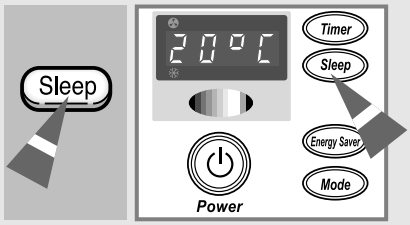
Cooling — When the temperature has been increased by 1°C/2°F (after 1 hour), it is maintained for 7 hours.



To Cancel the Sleep Timer

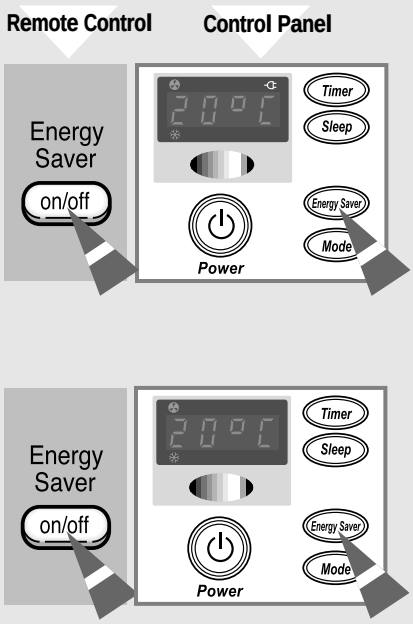
To cancel the timer, press:
- Sleep on the remote control.
  or
- Sleep on the unit.

Result:
- The unit beeps.
- The SLEEP indicator is no longer displayed.
- The air conditioner operates in the mode selected last.



➢ If you select the Energy Saving mode in the Sleep Timer mode, the Sleep Timer will be cancelled and the air conditioner will start up in the Energy Saving mode.

Selecting Energy Saving Mode



If you wish to save energy when using your air conditioner, select the energy saving mode with the Energy Saver button.

1 To select the energy saving mode, press the Energy Saver button on the remote control or unit one or more times until the Energy Saver indicator lights up.

Result: ◆ The fan and compressor cycle on and off together.
◆ The fan will continue to run for a short time after the compressor cycles off.

➢ If you would like the air conditioner to run in Fan mode, do not press the Energy Saver button. You cannot use the Fan mode in the energy saving mode.

2 To stop the energy saving mode, press the Energy Saver button on the remote control or unit again.

Result: The fan runs at all times, while the compressor cycles on and off.

➢ If you select the Sleep Timer in the Energy Saving mode, the Energy Saving will be cancelled and the air conditioner will start up in the Sleep Timer mode.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used.

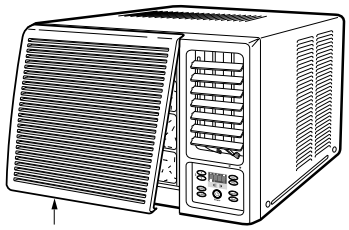
Mode	Indoor Temperature	Outdoor Temperature	Indoor Humidity
Cooling	21°C(70°F) to 32°C(90°F) approx.	21°C(70°F) to 43°C(110°F) approx.	80% or less

If the air conditioner is used at...	Then...
Higher temperature	The automatic protection feature may be triggered and the air conditioner stopped.
Lower temperature	A water leakage or some other malfunction may happen if the heat exchanger freezes.
Higher humidity levels	Water may condense on and drip from the surface of the unit if it is used for long periods.

Cleaning Your Air Conditioner

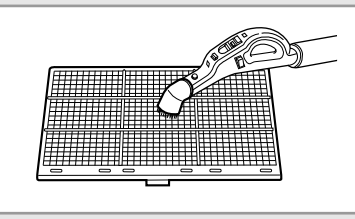
Be sure to clean the air filter periodically to maintain the air conditioner in the best condition for a long period of time.

☛ ***When cleaning the air conditioner, turn it off and pull out the power plug.***



1 Open the front grille by pulling on the tabs of the unit.

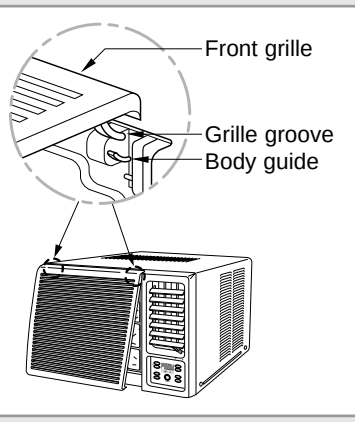
➢ The removal of the front grille makes it easier to clean the air conditioner. After opening the front grille, lift it up as much as possible, then pull down to release it.



2 Grasp the handle on the air filter and lift it slightly and then out to the front.

3 Remove all dust on the air filter with a vacuum cleaner or brush.

4 When you have finished, insert the air filter back into its original position.



5 Wipe the surface of the unit with a neutral detergent and then wipe it again with dry cloth.
(Be sure not to use benzene, solvent or other chemical products.)

➢

If you...	Then...
Will not be using the air conditioner for a long period of time	◆ Set the fan to “FAN” and let it for a few hours to dry the inside of the air conditioner thoroughly. ◆ Switch the air conditioner off and unplug it from the wall socket. ◆ Clean the filter and outer surfaces.
Have not used the air conditioner for a long period of time	Set the fan to “FAN” and let it run for a few hours to dry the inside of the air conditioner thoroughly.

Solving Common Problems

Before contacting an authorized service center, perform the following simple checks. They may save you the time and expense of an unnecessary call.

Problem	Explanation / Solution
The air conditioner does not operate at all	◆ Check that the circuit breaker used for the air conditioner has not been triggered. ◆ Check that the power cable is plugged into a wall socket and the socket is switched on, if necessary. ◆ Check that the temperature indicator on the unit is lit; if necessary, press ⏻(On/Off) on the remote control or unit.
The air conditioner does not operate with the remote control	◆ Check that there are no obstacles between you and the unit. ◆ Replace the remote control batteries if necessary. ◆ Check that you are close enough to the unit (seven metres/yards or less).
No beep is heard when you press ⏻(On/Off) on the remote control	◆ Check that you are pointing the remote control at the remote control sensor on the unit. ◆ Replace the remote control batteries if necessary.
The air conditioner does not cool	◆ Check that the correct operating mode has been selected(COOL). ◆ The room temperature may be too low. ◆ Dust may be blocking the air filter; refer to page 14 for cleaning instructions. ◆ Check that there is no obstacle blocking the air flow into or out of the unit.
The air flow direction does not change when you press the Swing button	◆ Check that the air conditioner has been switched on; if necessary, press ⏻ (On/Off) on the remote control or unit. ◆ The blades may not move when the air conditioner runs in the Energy Saving mode.
The timer is not correctly triggered	◆ Check that the timer has been programmed correctly; refer to page 11~13.
Odors are permeating the room during air conditioning	◆ Ventilate the room.

Technical Specifications

Design and specifications are subject to change without notice.

Model	Cooling Capacity(BTU/h)	Power Supply
AW0690A	6000	115V~, 60Hz
AW0890A	8000	
AW1090A	10000	
AW1290A	12000	

YOUR SAMSUNG ROOM AIR CONDITIONER

WARRANTY

Limited Warranty to Original Purchaser

Samsung will repair or replace, at our option, this product if found defective within the warranty period beginning from the original date of purchase. This Samsung Product is warranted by SAMSUNG ELECTRONICS CANADA Inc. against manufacturing defects in materials or workmanship for the period specified.

Labor	Parts
1 Year (In home)	1 Year

Limited 5-Years Compressor Warranty

Within one year of purchase Samsung Electronics Canada Inc. will provide a replacement compressor if it is found to be defective in material or workmanship. During the existing four years (second through fifth year) Samsung Electronics Canada Inc. will provide a replacement only, without charge, if it is found to be defective in material or workmanship. Labor to install the compressor during these existing four years is not included in the warranty. All warranty repairs must be performed by a Samsung Authorized Service Centre.

Obligation of the Original Owner

The original dated purchase receipt must be retained as proof of purchase and presented to the Authorized Service Centre before warranty services are rendered.

Exclusions of the Warranty

This warranty does not cover damage due to accident, fire, flood and/or other Acts of God: misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use, or damages which occur in shipping. Exterior and interior finish and plastic parts, are not covered under this warranty, Customer adjustments which are explained in the instruction manual are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number.
This warranty is valid only on products purchased and used in Canada.

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